

INTERNATIONAL SEARCH REPORT

International Application No
PCT/DE2004/000578A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F16K15/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 F16K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 132 668 A (NIPPON PILLAR PACKING) 12 September 2001 (2001-09-12) abstract; figures 1-5 paragraph '0012!	1-5, 7, 10, 11
X	US 3 770 009 A (MILLER R) 6 November 1973 (1973-11-06) figures 1-5 column 3, line 25 - line 29	1-3, 5, 10, 11
X	US 3 457 949 A (COULTER ALBERT L) 29 July 1969 (1969-07-29) figures 1-6 column 4, line 56 - line 61	1-5, 7, 10-12
A	US 2001/039966 A1 (REBACK GREG ET AL) 15 November 2001 (2001-11-15) paragraph '0011!	1-14
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

14 July 2004

Date of mailing of the international search report

20/07/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 3 801 233 A (SIMPSON P) 2 April 1974 (1974-04-02) figures 1-7	1-14
A	US 5 613 518 A (RAKIESKI KENNETH E) 25 March 1997 (1997-03-25) abstract; figure 2	1-14

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Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1132668	A	12-09-2001	JP 3375930 B2	10-02-2003
			JP 2001248741 A	14-09-2001
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			TW 536587 B	11-06-2003
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